

KUBIAK, Josef; ZAMECKI, Stanislaw; LISZKA, Wladyslaw

Late complications following surgery of the biliary tract. Polski
przegl. chir. 29 no.5:439-446 May 57.

1. Z Oddzialu Chirurgicznego Szpitala na 8 w Warszawie Kierownik:
doc. dr J. Kubiak Prace Wplynela dnia 27. VI. 1956 r. Warszawa, ul.
Solec 93.

(BILIARY TRACT, surgery,
postop. compl. (Pol))

KUBIAK, Jozef

Clinical aspects of bleeding from the upper segment of gastrointestinal tract. Polski przegl. chir. 30 no.5:440-447 May 58.

(GASTROINTESTINAL SYSTEM, hemorrh.
upper segment, clin. aspects (Pol))

KUBIAK, Jozef; BADMAJEW, Piotr

Pyloric hypertrophy in adults. Pol. przegl. chir. 34 no.12:1265-1270
'62.

1. Z I Kliniki Chirurgicznej SDL w Warszawie Kierownik: doc. dr
J. Kubiak.

(PYLORIC STENOSIS)

KUBIAK, M.

The solar magnetic field and the 22-year cycle. Postepy
astronom 10 no.3:287-292 '62.

KUBIAK, M,

New observations of the red-shift of solar lines. Postepy astronom
11 no.4:289-293 '63.

KUBIAK, Marian

Preliminary results of research on impregnation treatments of standing trees. Sylwan 56 no.1;73-77 Ja-F '62.

KUBIAK, Marian; ROGALINSKI, Kamil; MICHALAK, Jerzy

Changes in the physical and mechanical properties of poplar
wood (*Populus marilandica* Bosc.) under the influence of
Poria vaporaria (Pers/Fr.) fungus. Sylwan 106 no.3:25-39
'62.

KUBIAK, Marian; KERNER, Gunter

Changes of some physical properties, compression strength and chemical composition of beechwood in the initial stage of decomposition by fungi *Coniophora cerebella* Pers. and *Stereum hirsutum* Willd. Drevarsky vyskum no.4:181-193 '63.

1. Institut fur Forstnutzung, Landwirtschaftliche Hochschule, Poznan (for Kubiak). 2. Institut fur physikalische Holztechnologie und Chemisches Institut fur Forstwirtschaft, Eberwalde (for Kerner).

KUBIAK, Marian

Studies on the possibilities of demarcating the types of wood rot on the basis of the physical, mechanical, and chemical properties caused by fungi. Roczniki wyz szkola rol Poznan 18 57-90 '63.

1. Department of Forest Utilization, College of Agriculture, Poznan.

KUBIAK, Marian, dr

Influence of fungi on the changes in the chemical composition
of beechwood (*Fagus sylvatica*). Przegl papier 20 no. 1:
7-11 Ja '64.

1. Wyższa Szkoła Rolnicza, Poznań, Katedra Użytkowania Lasu.

KUBIAK, Marian

Research on the effect of various fungi on the change of
technical properties in the wood of *Populus marilandica*
Bosc. Drevarsky vyskum no.4:171-185 '64.

1. Chair of Forestry, Higher School of Agriculture, Poznan,
Poland.

KUBIAK, Marian, dr

Influence of fungi on the changes in the chemical composition
of poplar wood. Przegl papier 20 no.7:209-213 JI '64

1. Department of Forest Utilization, School of Agriculture, Poznan.

1-0511-01
ACC NR:

AP6033312

SOURCE CODE: PO/0009/66/016/002/0151/0155

AUTHOR: Kubiak, M.; Stepien, K.

ORG: Warsaw Astronomical Observatory

TITLE: Some remarks on ionization fronts in interstellar matter containing molecular hydrogen

SOURCE: Acta astronomica, v. 16, no. 2, 1966, 151-155

TOPIC TAGS: interstellar matter, hot star, molecular hydrogen, ionization, ionization front

ABSTRACT: A short discussion is presented of atomic processes which might be important in an ionization front passing through an interstellar cloud containing molecular hydrogen. All these processes are shown to occur simultaneously with no separation between ionization and dissociation fronts. It is shown that the addition of molecular hydrogen does not modify substantially the dynamic effects of the interaction of interstellar gas and the radiation field of hot stars. One front can exist in interstellar gas and its structure is determined mainly by processes two and five described in the original article. Orig. art. has: 2 figures, 5 formulas and 1 table.

Card 1245 SUB CODE: 03,20/SUBM DATE: 00Nov65/OTH REF: 005/

KUBIAK, W.

"Ustroje budowlane. Konstrukcje stalowe" (Building structures. Steel constructions), by W. Kubiak. Reported in New Books (Nowe Książki), No. 11, June 1, 1956.

EV IAK, V.

TECHNICAL

Periodicals: 1950 LAD TECNICHNI Vol. 79, No. 19, October 1950

EV IAK, V. Some problems of the use and saving of nonferrous metals in the years 1950-1965. P. B89.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 2,

February 1959, Inclass.

KUBIAK, M.; ZIENTARA, J.

Proper use of nonferrous metal scrap in industrial enterprises. p. 9.

PRZEGLAD TECHNICZNY. (Naczelna Organizacja Techniczna)
Warszawa, Poland
Vol. 80, no. 17, April, 1959.

Monthly List of East European Accessions Index, (EEAI), IC, Vol. 8, no. 64.
June 1959
Uncl.

KUBIAK, M.; ZIENARA, J.

Elastics as substitute materials for nonferrous metals. p. 1.

PRZEMIAŁ TECHNICZNY. (Naczelna Organizacja Techniczna) Warszawa, Poland.
Vol. 80, no. 23, June 1959.

Monthly List of East European Accessions (SEAI), LC, Vol. 8, no. 2, Aug. 1959.

Uncl.

KUBIAK, M.

Technical Progress and increased economy will bring about a saving of copper. p. 3.

PRZEGLAD TECHNICZNY. Naczelna Organizacja Techniczna. Warszawa, Poland, Vol. 80, no. 28, July 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 9, September, 1959.
Uncl.

KUBIAK, M.: ZIENTARA, J.

Plastics instead of lead. p.7

PRZEGLAD TECHNICZNY. (Naczelna Organizacja Techniczna) Warszawa, Poland
Vol.80, no.41, Oct. 1959

Monthly list of East European Accessions (EEAI) LC, Vol.9, no.1, Jan. 1960

Uncl.

KUBIAK, M.

Saving nonferrous metals. p.3

PRZEGLAD TECHNICZNY. (Naczelan Organizacja Techniczna) Warszawa, Poland
Vol.80, no.47, Nov. 1959

Monthly list of East European Accessions (EFAI) LC, Vol.9, no.1, Jan.1960

Uncl.

KUBIAK, Michal

Plastics as substitutes for nonferrous metals. Przegl
techn no.42:5 19 0 '60.

KUBIAK, Michal

The electric engineering industry economizes on nonferrous metals. Przegl techn no.43:5 26 0 '60.

KUBIAK, Michal

Valves a new way of economizing in the building industry. Przegl
techn 81 no.24:6-7 Je '60.

KUBIAK, Michal

Technical progress in the application of aluminum during the
years 1961 - 1965. Przegl techn 81 no.25: 10-12 Je '60.

GRYCUK, T.; KUBIAK, M.; PROCHOROW, J.

Temperature effect on pressure broadening of the mercury resonance line. Bul Ac Pol math 12 no.8:517-522 '64.

1. Institute of Experimental Physics of the University, Warsaw. Presented by A. Jablonski.

S/081/62/000/001/024/067
B151/B101

AUTHORS: Kreshkov, A. E., Drozdov, V. A., Vlasova, Ye. G.,
Kubiak, S.

TITLE: Determination of organosilicon compounds by titration
in a non-aqueous medium

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 1, 1962, 158,
abstract 1D158 (Vestn. tekhn. i ekon. inform. N.-i.
in-t tekhn.-ekon. issled. Gos. kom-ty Sov. Min. SSSR
po khimii, no. 10, 1960, 29-32)

TEXT: Methods are described for the analysis of alkyl(aryl) chlorosilanes (ACS), alkyl(aryl) (alkoxy)aminosilanes (AAS) and silamines (SA), based on their titration in non-aqueous media. It is shown that titration of non-aqueous solutions of these compounds can be carried out using indicators, potentiometry, conductivity measurement and high frequency methods. ACS are titrated in a medium consisting of mixed solvents; $\text{CH}_3\text{CN} - \text{C}_6\text{H}_6$ (1 : 1) with 0.1 - 0.05 M acetonitrilic solutions of nitron (diphenylendaniolhydrotriazole) /

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S/081/62/000/001/024/067
B151/B101

Determination of organosilicon ...

(I) and pyridine (II) or 0.1 - 0.05 M benzene solution of dimethylamino-antipyrine (III) in the presence of the usual indicators (crystal violet, dimethyl amino azo benzene, bromocresol purple etc.). The titer of solution I is determined using an accurately weighed sample, while that of solution II is determined using HClO_4 . The best results are obtained by titrating with solution III. With potentiometric determination the ACS is titrated with solution III using glass and calomel electrodes. The error of the method is $\pm 0.5\%$. Conductometric determination gives the best results by titrating the ACS with 0.1 M benzene solution of III; error of the method $\pm 0.5\%$. The differential conductometric titration of a mixture of methylchlorosilanes (MCS) is based on a preliminary quantitative conversion of the MCS by the action of NH_4SCN into methylthiocyanate substituted products (MTS) and subsequent conductometric titration of the MTS with solution III in a medium consisting of acetonitrile and diethyl ether. [Abstracter's note: Complete translation.]

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S/079/61/031/009/011/012
D215/D306

AUTHORS: Kreshkov, A.P., Drozdov, V.A., and Kubiak, S.
TITLE: Properties of alkylchlorosilanes in acetonitrile medium
PERIODICAL: Zhurnal obshchey khimii, v. 31, no. 9, 1961,
3099 - 3103

TEXT: The present work deals with the conductometric examinations of methylchlorosilanes. The conductometric titration was carried out in a series of organic solvents and the measurements were taken of specific and equivalent conductivities of methylchlorosilanes in acetonitrile medium. The choice of acetonitrile was made due to its excellent properties as a solvent for inorganic, organic and organosilicon compounds, ability to increase the dissociation of salts, acids and bases and also its low association in liquid state as compared with that of methanol or ethanol. According to R.S. Mulliken (Ref. 4: J. Phys. Chem. 56, 814, 1952) donoracceptor classification acetonitrile may function in two ways, as base con-

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taining easily ionizable pair of electrons and as π -ketoidal acceptor. The compounds used in the investigations were pure trimethylchlorosilane, dimethyldichlorosilane and methyltrichlorosilane, titrants were organic bases containing tertiary nitrogen atoms (pyridine, quinoline, 8-hydroxyquinoline, dimethylaminoantipyrine etc.). Conductometric titration was conducted with the aid of Kohlrausch bridge and a closed-type cell with sealed platinum plated platinum electrode. Measurements of electroconductivity of methylchlorosilanes in acetonitrile medium was carried out in thermostatically controlled 50 cc spherical vessel. The choice of medium for conducting the measurements was carried out experimentally using methylchlorosilane in various organic solvents such as acetonitrile, benzonitrile, nitromethane, nitrobenzene, cyclohexanone, methyl ethyl ketone and methyl butyl ketone, and an organic base as a titrant. Typical conductometric titration curves are given in Fig. 1, and it is shown that the best medium is provided by acetonitrile. The titration curves for various methylchlorosilanes are given in Fig. 2. They are shown to exhibit two characteri-

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stic points: one (minimum) which corresponds to about half-way titration, and the other (beginning of horizontal portion) exact end point also given by bromocresol purple indicator (colorless to bright yellow). On reacting with organic bases, methylchlorosilanes behave as acids and the chemical processes may be represented as follows: $2R_nSiCl_{4-n} + \text{amine} \rightleftharpoons (2R_nSiCl_{4-n}) \text{ amine}$ for the half-way point and for the end point: $(2R_nSiCl_{4-n}) \text{ amine} + \text{amine} \rightleftharpoons 2 [(R_nSiCl_{4-n}) \cdot \text{amine}]$. The formation of this complex is accompanied by the increased conductivity of the solution due probably to its dissociation. On the other hand the half-way titration complex is more stable and causes the increase in the resistance of the solution accompanied by the reduction in conductivity. To establish the possible electrolytic dissociation of pure methylchlorosilanes the authors have measured conductivity of the latter in acetonitrile medium at constant temperature (26°C). The variations of specific and equivalent conductivities of methylchlorosilanes on dilution with acetonitrile solutions is represented in Fig. 4. As

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the dilution increases λ increases as a result of higher degree of dissociation (α). The relationship of λ to dilution shows that methylchlorosilanes behave as weak electrolytes in non aqueous media and conform to Ostwald's law. The process of formation of current-conducting acetonitrile solutions of alkylchlorosilanes may be illustrated on the example of trimethylchlorosilane. Knowing the ionic mobility of the dissociation products it is possible to calculate dissociation constants for every methylchlorosilane. The degree of dissociation is highest for trimethylchlorosilane and lowest for methyltrichlorosilane. There are 4 figures and 6 references: 2 Soviet-bloc and 4 non-Soviet-bloc. The 3 references to the English-language publications read as follows: E.A. Abrahamson, C.A. Reynolds, Anal. Ch., 24, 1827, 1952; R.S. Mulliken, J. Phys. Chem., 56, 814, 1952; E.A. Jerger, G.M. Barrow, J. Am.Chem. Soc., 77, 4474, 6-06, 1955.

ASSOCIATION: Moskovskiy khimiko-tekhnologicheskii institut im. D.I. Mendeleeva (Moscow Institute of Chemistry and Technology im. D.I. Mendeleev)
SUBMITTED: September 30, 1960

Card 4/7

KOZLOWSKI, L.; KUBIAK, S.

Effect of cathodic hydrogen on the magnetic properties of thin electrolytic nickel films. Bul Ac Pol mat 9 no.5:409-417 '61.

1. Department of Physics, Normal School, Katowice. Presented by M. Miesowicz.

KOZŁOWSKI, L.; KUBIAK, S.

Changes in the magnetic moment of thin electrolytic nickel films cathodically polarized. *Bul Ac Pol mat* 11 no.4:235-240 '63.

1. Department of Physics I, School of Mining and Metallurgy, Krakow, and Department of Physics, Normal School, Katowice. Presented by M. Miesowicz.

KUPRYK, Lech, mgr inż.; KUBIAK, Stefan, inż.

Survey of production of the Electric Lamp Assembly Equipment
Works. Wiad elektrotechn 30 no.5:170-172 My '62.

KUBIAK, Stefan

The secret of success in racing on Polish cinders; driving
tactics on cinder tracks. Motor 11 no.28:13 15 JI '62.

KUBIAK, Stefan

Great Poland is on the route of international touring; interview
with Jozef Niewiadzial, secretary of the Polish Motorists Union.
Motor 12 no.3:13 20 Ja '63.

POLAND / Cultivated Plants. Medicinal Plants. M-9
Essential Oil Plants. Poisonous Plants.

Abs Jour: Ref Zhur-Biol., 1958, No 16, 73224.

Author : Gatty-Kostyla, Marek; Kubiak, Z.; Kostolowska, M.
Inst : Not given.
Title : Medicinal Use of Shoots of Belladonna Instead of
the Leaves.

Orig Pub: Acta polon. pharmac., 1956, 13, No 2, 81-88.

Abstract: It is recommended to gather the tops of the belladonna shoots above the first fork, which contain a great quantity of active compounds, before flowering and during setting of the fruit. The alkaloids content in the shoots comprises 0.4-0.5% which exceeds the normal of the Polish pharmacopoeia 1.5-fold. The greatest content of alkaloids is in the raw material of the spring harvest. Comparison of

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POLAND / Cultivated Plants. Medicinal Plants. M-9
Essential Oil Plants. Poisonous Plants.

Abs Jour: Ref Zhur-Biol., 1958, No 16, 73224.

Abstract: productivity of shoots and leaves of belladonna, conducted on an experimental plot, showed that harvest of shoots give 3 times more alkaloids than harvests of the leaves. Harvest of shoots is 3-4 times faster than harvest of leaves. It is proposed to include the shoots of Belladonna in the Polish pharmacopoeia instead of the leaves. -- Yu. I. Rafes.

Card 2/2

COUNTRY : Poland H-17
CATEGORY :
ABSTRACT JOUR. : RZhKhim., No. 16 1959, No. 58075
AUTHOR : Kubiak, Z.
INST. : Polish Academy of Sciences
TITLE : Improvements in the Method for Preparing Bella-
donna Extracts. Part II. Liquid Extracts.
ORIG. PUB. : Dogisbert Pharmac PAN, 10, No 1, 29-38 (1958)
ABSTRACT : The investigation of methods for the preparation
of liquid extracts has shown that the liquid
extract obtained by the method described in
volume III of the Polish Pharmacopeia represents
a stable and therapeutically valuable preparation.
A simplified method for the preparation of liquid
extracts has also been developed, and the practi-
cal value of their application has been demon-
strated. For Part I see RZhKhim, 1958, No 16,
54925.
From author's summary

CARD: 1/1

KUBIAK, Z.

Toxic compounds of tobacco smoke. P 105

WSZECHSWIAT. (Polskie Towarzystwo Przyrodników im. Kopernika) Warszawa. (CIAN)
No. 4, Apr. 1959

Monthly List of East European Accessions (EEAI) LC. Vol. 9, no. 7, July 1959

Uncl.

KUBIAK, Z., dr

A postgraduate course for masters of pharmacy in Krakow. *Farmacja*
Pol 18 no.20:506-507 25 0 '62.

*

DOMANSKA, H., mgr; KUBIAK, Z., dr, adiunkt

Hospital pharmacies in Krakow. *Farmacja Pol* 19 no.3:53-55
10 F '63.

1. Kierownik Oddziału Farmacji Wydziału Zdrowia i Opieki Społecz-
nej, Powiatowa Rada Narodowa, Krakow (for Domanska). 2. Katedra
Farmacji Stosowanej, Akademia Medyczna, Krakow (for Kubiak).

KUBIAK, Z. . .

From the activities of the Hospital Pharmacy Section of the
Krakow Branch of the Polish Pharmaceutical Society. Farmacja
Pol 19 no. 15/16:350 25 Ag '63.

KUBIAK, Z., dr.

From the Section of Hospital Pharmacies of the Krakow Branch
of the Polish Pharmaceutical Society. *Farmacja Pol* 20 no.1/2:
61 25 Ja'64.

KUBIAK, Z.,dr.

Supplementary course for Masters of Pharmacy in Krakow. Farmacja Pol. 19 no.17/18:377-378 25 S'63

From the Krakow Branch of the Polish Pharmaceutical Society. Ibid.:384.

From the Analytical Section of the Krakow Branch of the Polish Pharmaceutical Society. Ibid.:385

RUBIEN, Zbigniew

Concentration of grain alcohol and the composition of active substances in liquid extracts from the bark of the common huckthorn. *Pharmacja Pol* 20 no. 5/6:177-181 2p. Mr 1964.

From the Section of Hospital Pharmacology of the Krakow Branch of the Polish Pharmaceutical Society. *Ibid.*:213

1. Department of Applied Pharmacy School of Medicine, Krakow.
Head: Prof. dr M.Gatty-Kostyal.

~~Kubias Jaromir~~

Czechoslovakia /Chemical Technology. Chemical Products I-27
and Their Application

Wood chemistry products. Cellulose and
its manufacture. Paper.

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 32721

Author : Kubias Jaromir

Title : Determination of the Density of Paper Pulp with
a Pencil Densimeter

Orig Pub: Papir a celuloza, 1956, 11, No 7, 163-164

Abstract: The pencil densimeter consists of an aluminum
rod of precise dimensions, pointed at one end
and previously calibrated. Paper pulp at 20-
25° is placed in a measuring cylinder. The
densimeter drops into the pulp due to its own
weight from a definite height (2.5 cm). From

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Czechoslovakia /Chemical Technology. Chemical Products I-27
and Their Application

Wood chemistry products. Cellulose and
its manufacture. Paper.

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 32721

the depth of its penetration into the pulp the
density of the pulp is ascertained. Determina-
tion error is 0.5%. The advantage of the
method is the speed of the measurements.

Card 2/2

Determination of ethyl alcohol and ether

J. Kuznetsov (Chem. Obscr., 1937, 12, 8-9).—The amounts of EtOH and Et₂O in a mixture can be determined with an accuracy of 0.1% by titrating it with a third liquid miscible with only one of the component liquids until a cert. miscibility is obtained. A sharp end-point is obtained by using 60 wt.-% of glycerin in H₂O. The relative amounts of EtOH and Et₂O are then obtained either from a graph of known mixtures or by a procedure of titrating another known mixture. The titrations are dependent on temp.

F. R.

CA

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The significance of the specific weight of mineral lubricating oils. J. H. Kinsman. *Chem. Abstr.* 13, 51 (1938).-- The original equation for the Hill-Combs index (viscosity-gravity const.) was converted into the useful equation
$$I = 0.2894 + [0.9144s - 0.7002 \log (\log v + 2)] / (1.37s - \log (\log v + 2))$$
 where I is the Hill-Combs index, s is the sp. gr. at 15° and v is the viscosity in centistokes at 50°. In 60 mineral oils from natural substances or from solvent-refined oils, the index I computed from the preceding equation and the index computed from the original Hill-Combs equation did not differ by more than 0.001. The equations as well as the index were valueless for fatty or for vegetable oils. For pure mineral oils, refined (Ducol process) oils, synthetic oils from Germany or artificially improved (panatone) oils, the index, I , was used for the detn. of the height of the viscosity pole. Any discrepancy between the value of I and that of the viscosity pole was used for the identification of the oil or its origin. For current mineral oils from natural raw materials, the correlation between the index, I , and the height of the viscosity pole was neither dependable nor exact (the differences often exceeding 30%); it can be said only that an increase in the index I is accompanied by an increase in the height of the viscosity pole, and the relationship is poorest for very thin oils and for oils contg. a dissolved solid phase, such as paraffin. F. M.

ASB-11A METALLURGICAL LITERATURE CLASSIFICATION

CA

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Determination of the effectiveness of polymetaphosphates by means of Schwarzenbach's complexes. J. J. Kubias (Natl. Interservice "Synthesis," Prague, Czech.). *Tržiš. Kemičeska* 8, 224-32(1980).—Schwarzenbach's complexes (cf. C.A. 60, 1104) are org. compds. of the amino-polyacrylate type that have an effect on metal ions similar to that of the polymetaphosphates. An aq. soln. of $\text{Na}_2\text{P}_2\text{O}_7$ was neutralized to phenolphthalein and CaCl_2 was added. The excess Ca^{++} was titrated with $\text{HOOCH}_2\text{N}(\text{CH}_2\text{COONa})_2$, a Schwarzenbach's complex. In this way the wt. CaO that could be bound by a unit wt. of $\text{Na}_2\text{P}_2\text{O}_7$ was detd. in 25-30 min. It is usually 2.11 times as much as will combine with pyrophosphates which lose this property in the presence of polymetaphosphates, apparently because the Ca complexes of the pyrophosphates are not very sol. or stable. Orthophosphates do not interfere with the detn.; carbonates decrease the accuracy.

H. K. Livingston

KUBIAS, J.

Kubias, J.; Fleissig, O. "A Quick and Precise Method of Determining the Hardness of Water." p. 91 (Uhlí A Rudy, Vol. 1, no. 4, Apr. 1951, Praha)

SO: Monthly List of East European Vol. 3, No. 3 1954
Russian Accessions,/Library of Congress, March 1953, Uncl.

KUBIAS, J., PILNY, S.

"Determination of Crotonaldehyde in Butyraldehyde by Direct Potentiometric Titration with Bromine" p. 672., (CHEMICKÉ LISTY, Vol. 47, no. 5, May 1953, Praha, Czechoslovakia).

SO: Monthly List of East European Accessions, LC, Vol. 2, No. 11, Nov. 1953, Uncl.

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APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000827010020-1"

KUBIAS J

CZECHOSLOVAKIA / Analytical Chemistry. Organic Analysis. 5

Abs Jour : Ref Zhur - Khimiya, No 23, 1959, No. 82041

Author : Kubias, J.

Inst : Not given

Title : The Determination of Ethanolamines in Their Mixture

Orig Pub : Collect. Czechosl. Chem. Commun., 1958, 23, No 11, 2012-2017

Abstract : See RZ Khim, No 3, 1959, No. 8038

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KUBIAS, M.

Simple colloidal cerebrospinal reaction. Cas. lek. cesk.
90 no.31:936-940 3 Aug 1951. (CIML 21:1)

1. Of the Cerebrospinal fluid Laboratory of the Psychiatric
Clinic in Prague (Head -- J. Prokop, M.D.) and of the Neu-
rological Clinic of the Medical Faculty in Pilsen (Head --
Prof. J. Hrbek, M.D.).

PIRK, P.; BELAN, A.; TRAVNICEK, R.; BUDINOVA-SMELA, J.; FRYNTOVA, A.: technické spolupráce BUFKA, L.; KRIZOVE, M.; KUBIASOVE, E.; KUTILA, L.

Our experiences with roentgen cinematography in cerebral angiography.
Preliminary report, Cesk. neur. 24 no.1:51-53 Ja '61.

1. Ustav pro vyzkum vyzivy lidu, Praha, reditel doc. MUDr. J. Masek -
Ustav pro klinickou a experimentalni chirurgii, Praha, reditel profesor
MUDr. B. Spacek - Oddeleni pro cervni onemocneni mozku, predn. doc.
MUDr. J. Budinova-Smela, Laboratore statniho filmu, Barrandov.

(CEREBRAL ANGIOGRAPHY)

SCHINDLER, C.; NADVORNIK, P.; NEMCEK, S.; KUBIAŠOV, E.

Stereotaxic model of cerebellar nuclei. *Cesk. neurol.* 27
no. 6: 370-371 N '64.

1. Neurochirurgická klinika lékařské fakulty Karlovy University
v Hradci Králové, (prednáša prof. dr. R. Petr.).

KUBIATOWSKI, S.

"Ventilation of Transformers' Banks", P. 250, (SIAMOWSKI ELEKTRYCZYSTWIE,
Vol. 14, No. 11, November 1954, Warsaw, Poland)

SC: Monthly List of East European Accessions (SIAMOWSKI ELEKTRYCZYSTWIE, Vol. 4, No. 3,
March 1955, Uncl.

Review: 10/12/55, 6.

The Commission for Utilization of Wind Power of the Polish Electrical Engineers Association. p. 94, Vol. 15, no. 4, Apr 1955, WIADOMOSCI ELECTROTECHNICZNE

MONTHLY LIST OF EAST EUROPEAN ACCESSIONS, (EEAL), LC, Vol. 4, No. 9, Sept. 1955, Uncl.

KUBIATOWSKI, J.

Studies on the standardization of electric lighting in the wool-using industries. p.268

WYSTAWIENIA (Polski Komitet Normalizacyjny) Warszawa

Vol. 23, no. 5, May 1955

So. East European Accessions List

Vol. 5, No. 1

Jan. 1956

KUBIATOWSKI, J.

Kubiatowski, J. Possibilities of applying air turbines in forestry. p. 34

LOS FOLSKI

Vol. 29, No. 6, June 1956

Warszawa, Poland

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 10 Oct. 56

KUBIATOWSKI, J.

"New regulations on installing low-voltage electric power lines along highways."

p. 236 (Wiadomosci Elektrotechniczne) Vol. 17, no. 9, Sept. 1957
Warsaw, Poland

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

KUBIATOWSKI, J.

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9/137/61/000/009/014/087
A060/A1C1

AUTHORS: Ziemkiewicz, J., Kubica, J., Maik, J., Mostek, L.

TITLE: Method of bonding aluminum and its alloys with ferrous alloys

PERIODICAL: Referativnyy zhurnal. Metallurgiya, no. 9, 1961, 20, abstract 9D143P
(Fabryka Samochodow Osobowych w Warszawie, Polish patent no. 43225,
14.06.60)

TEXT: To obtain a high grade aluminum coating on cast iron, carbon or alloy steel, and also other Fe compounds after a thorough cleaning, chemical degreasing and anode cleansing, a film of electrolytic Cu with thickness 1-2 μ is produced in a vat with composition (in grams per liter): NaCN 30, CuCN 60 in the course of 2 - 25 min. Thereupon the part is slowly immersed for 15 min in melted Al having a temperature of 690 - 720°C; this produces a diffusion layer with thickness 15 - 25 μ on the surface of the part. The part is taken out of the vat and not later than within 30 sec it is placed in a foundry mold which is flooded with Al or its alloy. The obtained Al-Fe compound has σ_b 7.76 kg/mm² and possesses great hardness, durability, thermal conductivity, heat capacity, corrosion

Card 1/2

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A006/A101

Method of bonding aluminum ...

resistance, low specific gravity, and may be used, for example, for the manufacture of cylinders of engines with water or air cooling, or of brake drums.

V. Levinson

[Abstracter's note: Complete translation]

X

Card 2/2

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E. CERPTA MEDICA Sec 4 Vol 12/3 Med. Micro. Mar 59

914. CHEMICAL STRUCTURE AND BIOLOGICAL PROPERTIES OF THE
CELLULAR RESIDUE OF SALMONELLA TYPHI - Rzucidlo L.,
Kudlica J. and Biel J. Centr. Mil. Lab. of Sanit. and Hyg., Warsaw -
BULL. ACAD. POL. SCI. CL. 2 1957, 5/12 (425-429)

The cellular residue of *S. typhi*, prepared by extraction with phenol as proposed
by Westphal and Luederitz, contains 76.70-86.50% proteins, has a low content of
hexosamine (0.11-0.21%) and only traces of saccharides. It has no influence on the
course of the infection with *Staphylococcus aureus* in mice. The residues extract-
ed in the same manner from *E. coli*, *C. diphtheriae*, *Myc. tuberculosis*, yeasts
and yeast-like fungi, much increased the pathogenicity of *Staphylococcus aureus*.
Sechter - last

B13C15

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(INFUSIONS, PARENTERAL)	(INJECTIONS)	

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Oddzial dla Doroslych w Swidrze.

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